

Laurel Hill

Alouopus Lemur
Alouopus
of a Pachet
on May

at the
Meadow Pet
Number Co.

Aug 10th Allen
Russia
May

Lipidium
alyssoides
Abbottia

Aug. 17-1895

It will be seen

would be
probable
to me

Mr. R. C. Caldwell
Mr. Peacock

to me it

books from Chico

-4187

-4188

Albert Walker
Cordell
Man.

Tues Aug. 8-1905
Left Iowa City Aug. 8
at 10³⁰ A.M. for W. Liberty
& Columbus Indiana.

Wed Aug. 9-1905
Travelled through Kansas,
Oklahoma & Texas, and reached
New Mexico a little before
midday. Took picture at Tucson.
Everything looks bright &
green as a result of rains.
As we approached the
New Mexico line spruces
with green foliage were
abundant.
Collected a few plants at
Marfa, Texas.

Tues. Aug. 10.

Woke at three this morn.
Willya. This is a little
but we're toward Taos.
Taos is red desert, but
not shifting sand.

Cloud looks dark &
green sandy fromings
over hills to Taos.
& south too.

The white conifers very
abundant in green.

Also the tall pale Yuccas.

The Compositae

a mile or less S of Taos

Now the desert is still
and dry. The grass is

takes the place of Lava
Collected plants, from the
gold hill has been bought by
Ed & G.W. & Mrs Martin,
Bedman & Sulivan were gone
also Mr. Powers who had gone

to Canonica, Mex.
The ^{RR} looks like to be taken
to El Paso within a year.

At 5¹⁵ pm started for
Cloudcroft. Desert is
fine, green.

Four Larrea well up
Taos Canyon on rocky
slopes.

Cedars common above
La Lengua. Pinyons
It rained hard in the
evening and we were
late getting to Cloudcroft
after 8 PM.

Everything was full at
Lodge & Virginia Hotel &
the Virginia man
got a room for me across
the street N.

It has been raining up
here for 3 or more weeks.
There are many old timers
here who are running

away from yellow fern,
Saw Dr. McCall, an 86 year
old, on train coming up.

Friday, Aug. 11, 1905
Worked S.E. from Clondorf
in deep wood. Found the
first fine chaffy of
Douglas Fir, Balsam &
a good many Silver Ferns.
The Balsam - the three
leaved var.

Found many flowers, fungi
slime molds, & some shells.
Many Plasmodia were seen
& a good many freshable
Agarics, etc.

It rained in the afternoon
and I got wet.
Pressed plants in the
evening.

Mr. Walker is in charge
of the Lodge.

The El Paso people call
Clondorf their "sky-parlor".

1905

Saturday, Aug. 12

Took pictures between 10
A.M. & 1 P.M. along RR.
below Clondorf. Before
that pressed plants, made
preses, etc.

In the afternoon went
S. W. and picked up a
few plants and some
snails - especially the
large Pupa. * packed
In evening changed plates,
wrote up notes, & wrote
cards and letters.

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Sunday Aug. 13

Planned to go out but
it rained during most
of the day and I cleaned
books, wrote letters, and
finally at 4:30 p.m. went
out for a short walk.
Flowers were
beautiful, I found
a few plant records,

Monday Aug. 14, 1908

Left Chezey's to Ruma
at 7:20 a.m. Got to
the Company, 1½ mi.
down Ruma before
9 a.m. Found Mr. Allen
& presented my letter.
Gathered much interesting
information from him.

Company still has about
33,000 acres of forest
land. - It last 15 yrs. ~~which~~
have been cutting 6 yrs.
Get 7-10,000 ft (log scale)
per acre.

1½ million ft (log scale)
per year.

Best wood is Red Spruce
(Douglas Spruce)
Balsam for & wood only
for ties.

all the wood except
small stuff is cut down

by the crossill method
(boring) at allways.
White Fir is not certain,
haven't been tried long
enough. won't lie in
groups.

In estimating yields
they step off about
10 different squares
on each 160 acres,
and count trees - then
estimate
the board feet from each tree.
These estimates have
come out very well.
They are the basal
grades becoming P
made in Ohio, Ohio.

Mr. Allen referred me
to Mr. J. W. Arndell
at Lumber camp
Wood & Lumber company
& saw lumbering
at boy swallows siding
with cheap black oil
does it by carrying it
in a horse, saddle, stick
with gay leather or
white leather saddle
hides with thin
intervals.

The boys are however
out in their ways
to cut back at
the sleds up and mostly
from 6 to 8 in. stuff
I don't see much

— O — O
They call this sleds
a "slide"

They skin about 6 logs
16 or 20 ft.

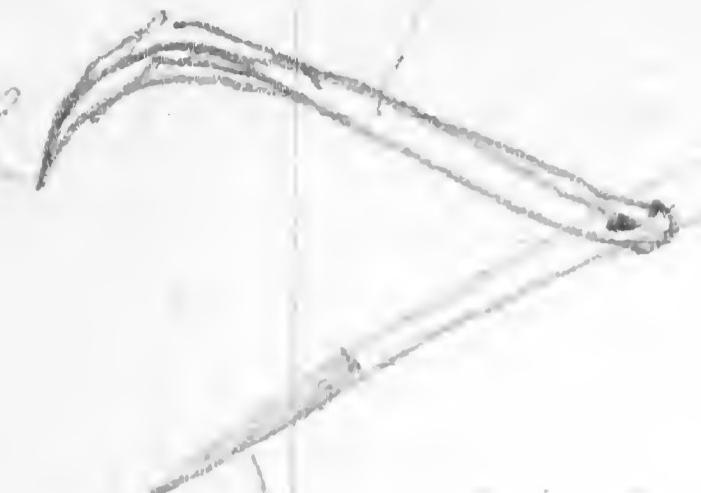
Up in the smaller
canon (Scott Canon)

they run logs to the
river mouth where
they drag them
down with a rope
or cable fast to the
nearest log.

They use horses here
as teams & it seems
to be hard work.

The Mountain Log Doctor
resembles like this
part so that the
gum and "feet-ticks"
(big ticks) can be removed
in any direction.

The men handle
the logs with long
hooks -
(see diagram)



Steel point.

The point lay in division
way, etc. for support
and the hook (bt) is put
over log to be moved or over
log at which app is driven
below bark for
Camp. The known
Cloudcroft. Just after
this walk was made in the
dark, & the silence of
the forest was majestic.
Notwithstanding that I was
loaded with a camera, pen,
etc, basket, game bag, and pocket
gun, I enjoyed the party.
The moon light was brilliant
and full. We were

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blades contrast well
the silvery sheen of the
elminialis portions
beautifully.

Tree notes:

The pure Pinus ponderosa
coniferous forest, it
is a moist-grown
tree seen in the
white fir.
Balsam, in the
forest, is found
down.

The white Pines seem to
be scattered along from
Taft to Lebec and Colton.
The larger growing
white oaks are more
common upland.

I walked about 20 miles
today. 1½ to 2 m from town
to the Concourse, & 3 m, from

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latter to Camp &
about 2 miles up the
Scott canon where the
men were operating.

Tues. Aug. 15

Spent the day in drying
plants & taking
pictures. Took
pictures in Condor Gorge
& on & about the
Cochont.

In the evening I
wrote letters &
changed plates.
Packed express
plates to ship by
express.

Wed. Aug. 16

got up at 5 a.m.
cleaned house & packed.
Shipped my stuff, checked
the traps to down hill
& left at 9 a.m. got
all my gear.

The log train had 15 cars
of logs, on average.
Had each end of the track
on one right ^{high} bridge above
Pinto. However, it is
good scene.

Ran like a locomotive.
Wood was to hold.
Bent up blocks of wood
over the fire & drove
Mrs. Caldwell's log house
down. (See sketch)

They have two sets,
each 106 ft. long. I put
them they haul trees (546 in
each) on steel wire.

When full the retards
are closed & multiplied.
To steaming, 3 to 7 hours,
longer no. for green wood - &
then pump out air &
from steam, then turn
in solution under pressure.
Therefore the chloride of
lime or tannin process &
this is a $\frac{2}{3}$ sol. of glue.
This is the well known
process. In Pennsylvania
they do not use tannin
or glue. Any fibers
could be used with
these robots, but
storage tanks for the
various liquids will
have to be used.

Thurs. Aug. 17.

Started for mountains early.
Found a lot of plants, & who
up especially the Laramie
belt.

Cholla & the White Cactus
are both common in lower
part, the latter especially,
but both disappear upward,
where there are hardly
any until as scattered
individuals, close up
into Ocotilla belt.

In the upper part there
appear a few Beavertail
yuccas, an occasional
Desert Rose, the shrub
"sage" (cineo), the white
ash bush, & all the

cacti of the larger
forms, all of these
forms probably belonging
with the Ocotilla belt.
Squashes, were found
considerably
have been very much
enjoyed by mosquito!

The Ocotilla belt also
has a few thriving
carries.
Returned at 11 A.M. changed
drivs & crates blocks of wood.
Cangas beetle for bricklayer
& a few grubs for
former, at the depot.
Shipped (checked) one grip to
this caravel.

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Fri. Aug. 18.

Left Alabama at 6:15 P.M.

From Prof. Macbride

on train. Spent the day
in strong sun, changing
train, - went to town
and mediate, etc.Met Judge Patterson's
son, who is the local head
city agent.

Received a letter in P.M.

Sat. Aug. 19

Waked up in morning
at 9 A.M. to
Amphra, took a walk
back, collected many
plants, the timber
right at Amphra
is sandy, but now
the river is too rocky.
I worked along there

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The same belt of
Scabells belt land.
A few chollas are found
in former.Saw spruce elata in
sandy parts, but in
Scabells belt the
other conifer species is
occasionally found.Saw the little white
shrub in Scabells belt
in poor condition, did
not get any.At night changed
dresses, glasses, etc.
Rained a little in P.M.
& people made a
great fire out at

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Tue, Aug. 20

Spent forenoon in
changing dried plants.
In afternoon went out
around town & village, &
travelled - to lumber
just now up Mt. Franklin
With pictures & plants.
Spent evening in changing
plants, etc.

Monday Aug. 21
Spent whole day in
changing dried, drying
paper, packing, etc.
In evening checked value
of all plants, etc.
A busy day.

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Tues, Aug. 22

Rained during day, but
spent at town out of this.
Took the dam, & took a
lot of pictures in
El Pante.

PM. went to nearby &
electric plant &
took pictures.
Spent evening in arranging
& packing.

Wednesday Aug. 23.

Packed, and left at
10 AM for Deming.
Beyond Arizpe there
is sand, - dusty like
Eggs of Arizpe.
Then over Stevens the
plain is flatter &
less sandy - a reddish
soil or soil & brick soil,
Yucca plants, and gray
compacts.

Members river at
Sennar.

Martynia, white
Crownie, flat-leaved
small yellow Cactus,
yellow flower, short
leaves between gray
leaves to be a foot
spiny (P. 100. 80.)

Yellow flowers
all the way to
below tree-line
garlic.

Left toward the yellow
was particularly brilliant
a hillside - gold.
Beyond Larash saw
fewy tipped Plant
very abundant

Red Malva (tree and)

Saw an Ephedra -
annual -

uproot a few in front
either on many in dry -
a forest to -
over a large area the
Yucca & Mesquit are
missing & other plants
only are visible
small lob. Convolvulus
The first hillsides often
stiff or crumpled.
Also the common trees
there is a flowing though
concentrations are double -
on both sides.
Cavoli, fine w/ Ash
A horsewood -
a thistle -
Verbena -
Heucheras, several?
Montezuma, Cholla and
blackened rocks.
Beyond Red, more
grass, - a grassy plain

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We arrived Denning
in evening and so
of course there were great
clusters of the black
elderberry bushes.

Reached Denning
about noon.

Did a little work
in the field, then
prepared to go
on to Lodesburg.

The yellow flowered
apple blossoms had
sprouted up at the
bottom.

Our comfortable
lodging - good
and cheap.

Th. June 24

Spent the day from
morning to evening
in the Black hills of South
Dakota. A very
fine day. Lots of
good music & R.
Then a good
frolicsome meal
some yellow
hot dogs &
beans, then
more time on
the road. A
lot of good food
got home.

Left Denning
at 10 o'clock.

and took the
Cottonwood, other elms (no
such) Robinia, more, not ash.

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Cult. trees at

Gage, N.W.

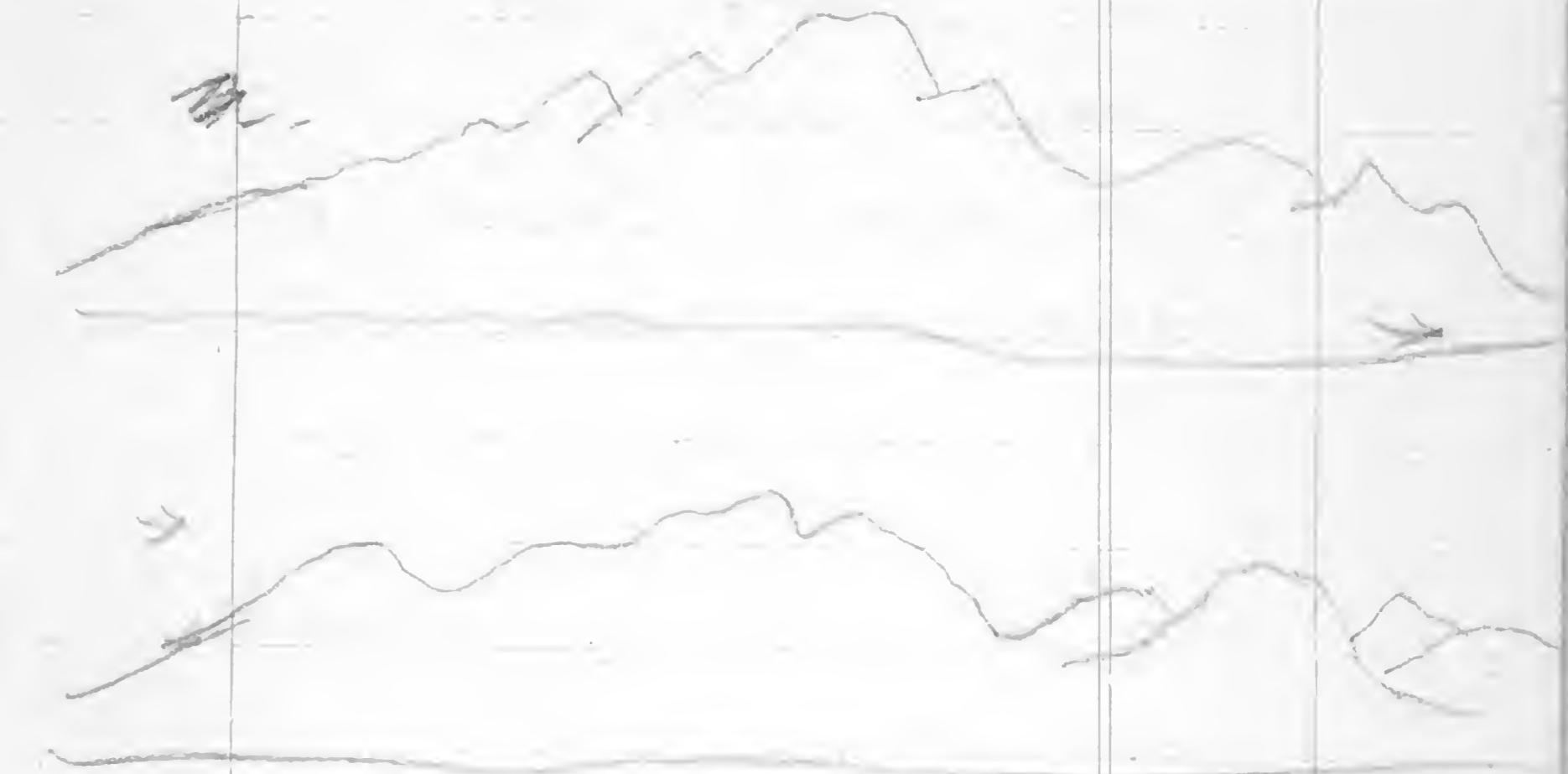
Mountain Ash, Populus alba,
Lombardy Poplar, Robinia

The territory w. of Denver
continues sand. There
are grassy spots, on
loamy soil, mesquite
groves on no sand,
& green forests on sandy
soil. The plains
continues broad & flat,
& on all sides there
rise out of it great
mountain slopes.



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Florida mts.



These mountains have no
forests, but are more or
less sloping hills (islands)
scrub oak, cedar & pine,



All these mts. seem
to rise very abruptly
out of the plain.

A good ways beyond Page
the plain is grassy with
an occasional small
yucca. This

merges into a gray
sage brush desert with
Ephedra & an occasional
Yucca. There is
more or less grass here.
The sagebrush stems &
have been limited.
Ephedra dots the plain.
More Yucca.

A little gray sage.
A great expanse of
Ephedra & Yucca.
This was just before
reaching Fort Mohave, N.M.
No water.

Beyond Hawley
more Yucca & few
Ephedra.
Yuccas again ^{fewer}
& more grass.

The rise of the hills does
not appear so abrupt
when you get near to
them.

A little mesquit again
& also resumus shrub
like Larrea (palover)
also gray shrub (Chenop.)
with winged fr.

Had dinner heavily
here. By pool, etc.
Big cattle range from
mile post 1151. Red
desert grazed here!

Abandoned ranch -
wind-swept & dead trees.

Plain here almost
without shrubs.

Have entered Larrea
area ^{near} at mile post
1148. At 1148, post
went out agency.
This was just before
going into town.

We cut Larrea belt
just a little, but large
areas can be seen
Toward the adjacent
mountains.
Landsburg is built on
gravelly soil, real
Larrea soil, only not
so good quality.
A sandstone plateau
as at Landsburg.
But the ground
is very bare & good
many adobe houses.
Sand washing without
at Landsburg.
Larrea is sighted
from -
Not promising variety
look bare.
N. of Landsburg a
great growing place.

nearby & less behind
time at Landsburg.

We run in Larrea belt
W. of Landsburg. Gravelly,
see Great Spring - more
before this.
Yuccas few.
Coarse Yucca or Agave
(low) -
About 3 mi. out the
mountain close in
closer together, & the
valleys all Larrea belt
clear across.
The air is strong with
Larrea odor.
Get out of Larrea belt
after a while.
Some Yuccas
Altoids flat - whitish.
Barren, - a few
salt bushes, etc & grass.
This is a sagebrush
area.
Mountains more rugged.

Again you see belt
of thin lava belt.
Mountains close in.
Saw quite a group
of Castillo.
Pitme - Clemente
This place is narrow,
mts., rocky & rough.
Sight to see a good
field.
Castillo common.
All lava belt.
A few Gaylussin
a cedar tree.
Coarse lava.
Agave in fruit.
The floor is dark.
with lava, rocks
are more & rough.
Passed into Arizona.
a great lava
plain.

On Arizona
line.
Graylussin
Pinus edulis
" coarse.
Death Valley
Yellow (flat) gray embank
Mesquite
Big trees like B.C.P.
Cylindra.
Bark resinous glutinous
winged thorn.
Fringed white (like Stein Pash)
Cholla " - Acacia slender
fine Mesquite (black) on
cholla.
Hedge-like, may emb.
Yellow
Spurting flat
Yellow thornless,
gray base bark

At Loma we soon got
of Larrea belt but
frequently came to more
toward rocks.

Again entered it &
ran many miles N.
This changed to aridish
desert with abundant
masses of *Bursera*, etc.
is this extensive beyond
Burce.

Then came more
grasses & a few
trees.

Everything looks bright,
as it has been raining
on the grassy
plain we struck
miles of yellow
Cleomea? So much
that one was strong
with it.

Wilkcox, Ariz. is quite
a town & has what
seems to be an old
Mission church.
The Cleomea field
is just before getting
into village & extends into town,
trees in streets, - ad-
ditional, etc.

The plain is yellow
with Cleomea? Not
miles beyond Wilcox.

Struck a great
alkali plain (almost
bare) a little W. of
Wilcox. A large
part was covered
with water, it is
several miles long, & probably
 $\frac{1}{2}$ or 2 mi wide.

Ran to Tucson about
8 pm & put up at
Willcox town.

For Aug. 25.
Planted 1100
mango trees
including 1000 by
planting small bushes
at Puffin Station for
the Tucson Hydro. plant.
Then down town.
The south side of the
shrub rose & holly
the one in front of
Laboratory, Lookout
and on the south
side of the road.
Going to Tucson
I came back
to the hotel, getting
no water supply,
shut up to the
Laurelton house
not your laboratory

Laboratory, see a sort of
hill. The land is
so broken, laterite, & sand
of ancient volcanic rocks.
It is moderately well supplied
with physical laborer
which moisture suff.,
the library is also very
fair. A lot more is
needed. I saw with
Dr. Cannon just
Off. Hornbeam who
gives a lot of his
time here.
Thus far the investigation
has been confined to
soil & moisture etc.
They have no botanic
as yet (how like S.U.B.)
but expect to get one
soon. A young
man was in charge.
altogether the poor

was about 4 miles, but it was dry and dusty. I stopped at a ranch house, the man who owned it said he had never seen such a fine golden sand as this. I stopped for the night at a small ranch and watched at Yermo, Calif., in the morning at Camp Verde, Ariz. In the evening I saw Cholla, Buckhorn, Gomphrena, Lantana, Melothria, the small Prickly pear, and the desert.

Sat. Aug. 26

Arrived at Yermo, & crossed the Colorado, there not an impeding stream. The country west of Yuma, in California, for many miles the desert is flat, though mountains are visible on the north. On this desert I saw my "Lance, Ocotillo,"

About Ogallala on both sides for several miles there are fine sand dunes, heaped up in fantastic shapes, & with sharp "combs" or crests. They are almost bare of vegetation.

The ground desert is now a less gravelly,

As we crossed the desert
of dunes we saw the
first of the dunes,
which are called sand
hills.

The first, dark brown
brown, sandy but
dune which I saw
visible above the
desert floor.

At mile post 676
the hills are higher.

They are composed
of yellowish brown
sand, poor in
calcareous material.

A little further
on we came to the
edge of the highway
& the dunes covered

the road for miles.

We came to the very
foot of the end of
the great sand
dunes. We then ran
to mile post 676½ over
a sandy plain which
extended far to the
south. This sand
dune are called
They are about 32
miles long.

Beyond 676 the desert
is again more gravelly.
Larrea scattered all
over.

Beyond Spring Hill
Larrea gradually
disappears, & the
desert is more bare,
but shows dry small
plants.

Beyond the sand dune
area, & inland over 10

way to green mts. to
the S. There is a
great low intervening
plain - very barren.
Blue trees (low, scrubby)
which I have seen.
seen them a long way
probably 10 miles
from coast. They
are tall, - cut into
big mounds or large
pillars. At this
distance of 10 miles
they appear to a great
height. They
make a perfectly
all a plateau, though
no white incrustation
appears.
At bottom 250 ft.
below sea level.
The whole country

for many miles is
flanked. The water
of the Arkansas
irrigated tract
from the water
is flowing in from
a point just
Colorado river 100
ft above sea level.
The St. Pacific has
already been compelled
to move its track
8. of stream. If
the water goes
they will have
more in the foothills
etc.
The water is now
said to be 15 ft
deep in places.
At saltor the salt
factory is in winter &
the station practically
so.

at Cochiti the country looks like a mixture of savanna.

Indio was caught about 9 am & we had a good breakfast.

Indio has cottonwood palm trees & some pecan.

Pecan is very common in the first valley country.

The mountains are rather near on both sides.

Because somewhat moist dry way beyond water & there are fields & orchards.

The sand in the dunes are in white (gypsum) on it a meadow (few grasses) then the gray (very fine) chert.

At Pueblo Indians have a number little palm trees. Beyond that there is a lot less of desert country with a cluster of palm trees branches at the top. There are also some Eicheras in the hill country.

In Pueblo there were large numbers of the whole plain covered with them as we approach the San Jacinto Mts. Eichera is very common here.

After the San Jacinto Mts. rise abruptly out of the plain at White water the latter is near base of San Jacinto Mts. &

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This would make a
good supply place.
The buildings are
near by and give
many plants.
Cobagon is another
good place. Palms
abundant near town.
Orchards
at Banning fine fruit,
grapes, etc. Cedar,
Eucalyptus, etc.
There are also great
grain fields here.
The San Jacintos
run out in a series
of low hills.
At Pecos we
get up to 25° N.
and fairly in the
tulips. There are
great orchards, plum
& peach, also figs &

fields of grain, alfalfa,
etc. Akins of straw, etc.
Eucalyptus, Cedar,
Lambertia, Poplar, etc.
are next.
A fine region.
Beyne El Caso are
Olive & Orange orchards.
Redlands may be seen
at foot of mts., 4
miles away.
Colton has a firehouse
& the country around
looks fine.
Before reaching Ontario
saw splendid orange
kaffir corn fields, very
great vineyard.
Reached Los Angeles at
about 2nd PM.
Train doesn't go out
until 11th August.
I have a long time
before me.

Went out to West Lake Park & took some views. Retired, & changed plates, wrote cards, got lunch, etc. A big Washington filifera stands in front of S.P. depot. A metal plate on it says that about a 1000 averaging 80 ft in height are found in a canon near Palm Springs on the S.P. We started for the Mts at 11⁰⁰ at night, & I went to sleep.

Sunday Aug. 27, 1905
I awoke at Ichachapi. Here we enter the mts. & travel for a long ways on a winding road with tunnels & a great loop, -

among rocks sparsely timbered with scrubby & scraggy oaks ^{oceanic live pine}. It seems to be dry now, but all grass covered. Caliente is a good point for water. We got out of the mountains before reaching Bakersfield. Now back on until we reached the country is a great plain - dry land with shrubs & vegetation where irrigated.

There is evidently no oil beyond Bakersfield.

Reached Raymond at
11 AM. I took a
walk in the morning
took pictures & observed
some dressed mountain.
Spent the night at
the Raymond office
(A) Blaize party
came in in the morning
(so I was told)

Mondays Aug, 18, 1905

Left Raymond on the
fast mail at 7 AM
In the party were Mr.
McCord, commanding the
large party of RR,
commander of the
several states.
Mr. & Mrs. Ellwood A.
Chicago (lamb) &
Mr. Brown, the Secy
of Internal Affairs.

of Placerville.
We reached Nevada at 2 PM
On the way much timber
is cut, & there is a
great fence over 60
mi. long. (Long River?)
We had lunch at Yerington
& at once struck out for
for the big tree.
Collected many plants,
went to Laramie Rd.
We did not make the
big trees, & spent the
night at a way station
town at the foot of our
house.

Mr. Wheltz, in charge
was rather surprised
to find us coming in
at that time of the
night.

Saw a deer in the evening,

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Tues. Aug 29
 We spent the day among
 the big trees. It
 was a splendid day,
 cool and comfortable.
 The Indians
 had a few hours
 of light rain and
 general
 haze, but the
 weather was still
 cool during the
 afternoon. Photographed
 many birds this morning
 and in the afternoon
 at Chapman's grove.
 Wed. Aug 30 1905
 Left for camp over Indian
 trail, crossed
 Colorado River by
 trail, reached
 Waipone at 1245 P.M.

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We had lunch &
 started for the mountains
 at 2 PM Reached
 there after 6 PM.
 There were great
 fires in the forest &
 no effort made to
 put them out.
 May see big smoke
 on the return trip.
 We had a view of
 the valley of the
 Deschutes from the
 timber and bushes
 the juvenile birds
 are now day
 has a view of
 Mt. Bachelor
 we are off for it
 the Yoncallie trail
 then make a road
 to camp camp when
 we pull up.

Thursday, Sept. 30, 1905

Spent the afternoon
in examining plants
of various kinds.
In the afternoon we
walked up the
Meredith river to
the water works & then
to River's end.
We had good walks
with some marks
of plants etc.

We returned in
evening & when
I got home
there was a
blue wind.

Spent the day at
home, I was up at
6:45 for a dog walk
in the evening and
then to town
for a walk & then
back home.

On the 31st Band
Canyon was in the middle
of the meadow which
of Legante dried
Canyon has been buried
by the sand and sand
dunes. We saw a great
many birds here.
There was bird music
in valley.

Friday, Sept. 1.

I started for Glorieta
Rd. at 5:45 am - a foot
of snow on the ground &
arrows told the fore-
one beautiful view
of the mountain to
Gloriette creek &
the meadow &
glacier Rd. which
we reached at 12:30 pm

and a ground
covered by
gravel & pebbles.

The valley was
so filled with
material up to the
surface
that we took
the road of the
Glacier of the
village which
will run into the
Chinookan, where
we crossed the
Wanowas about
100 ft. above
the village.
The valley was
not much higher
there is no sign
of glacial
action which
is followed by
about 100 ft. of
ice in places.

very thick.

The road from Glacier Pt.
to Chinookan leads through
a different forest - largely
Munsey pine.

After a break in
the road Wanowas
at 6 P.M. & staying the
night there, I found
all on following time.

Sat Sept 2

Started after 7:30 A.M.
and drove toward Raymont.
The forests are big ones,
& it is said will last
30 yrs. The sugar pine
is still common
but they have a
flame 60 or 80 ft. long
This is 100 ft. across &
be 16-18 in of water.
Some lumber is
carried down & in

takes the bones
12 hours to make the
row. They leave a
section house every
7 miles. Also a
only 2 or 3 lengths
are broken together
which is dangerous
until he comes to
some time a mile long.
They used to use the
water for irrigation
after frost is out.
Agave grows but
smaller. Lignum
not worth much.
Trees do much
damaging but when
killed out young
stuff comes up
fast. We stopped
at Ohwance for
dinner at 12. This is

the little Ohwance Hotel
He traveled now all day
in his car.

Traveled with 61
Mr. & Mrs. S. R. Knobridge
& Sam T. He recollects hail
storms in Iowa City, May 5-1894
a pretty place in a
great valley.
Row were regular by bold
up stones.
The bandit of 2 weeks
ago has his picture taken.
They are now on his track.
A holdup between Ohwance
& Raymon 4 miles and
a stage coach of
granite workers, a freight
train of two, two
stages, & a couple of
cows. A rider
was wounded
came in sight of
bandit but he escaped.
From Raymon there
is the second scrubby
foot hills vegetation,
huckle, oaks, etc.
Reaches Raymon Hotel
before 5 P.M. spent up.

Sun. Sept 3. 1905
 Spent forenoon
 drying plants.
 In afternoon went
 out & found a few
 California violets.
 Packed in evening
 until 8th and day
 fine granite quarries
 at Rosamond.

Mon. Sept 4.
 Packed, & left Rosamond
 at 9 AM for
 Bakersfield. Charged
 driver at Rosamond,
 also dinner, \$1.00.
 2nd PM left for Bakersfield
 which we reached
 after 6 PM. The
 station is Kern,
 & we took a ride
 by car to Bakersfield
 10 miles away.

Left at 10th AM. for
 Los Angeles.

Tues. Sept. 5.
 Reached Los Angeles at
 7th AM. Cleaned up,
 took breakfast, charged
 plates, and at
 12th started for
 Palm Springs,
 all the country S. of
 Bakersfield to (beginning)
 Bakersfield (after that
 I would not go) is
 a great plain,
 now very dry & hot
 except near streams,
 where there is more
 irrigation.
 Coming into Los Angeles
 it is also very arid
 like, but warmer.
 Going out of Los Angeles

then we found
ourselves in regard
of our way rather
than country lost
falling out no-
where else very
dry.

Golds Hill Ranch
are in a terrible
mess. I saw
well constructed irrigation
ditches, concrete.

We reached Parker Springs
at 5 P.M. on horseback.

With our horses
and our supplies
baggage, we started
out about 9 P.M.

Arrived Golds Hill 5
miles away.
Walking through
a sand storm
most from north-

the direction from which
winds blow, as in-
dicated by the leaning
stems of dead Ephedra
etc. fairly creeps
on the ground.

We reached Parker Springs
that is about 3 miles
& found that Dr. Murray,
who has been conducting
the place for 30 years,
was not there, the
only occupant being
John Dyer, a parker
from San Francisco
who has been up taking
water for the ranch.

At 10 A.M. we took
car of the place, &
got out the team
here open in October
& close in May. He

says many flattish
arroyos, but some like
second time became the
glaciers & now they
have been filled up.
Mr. Estes gave me a lot
on the back, and we
walked.

Wood, Sept. 6, 1905

We were very early
in the morning, and the
crashers we played
for the river banks,
the water was
the border of Idan.
About this had a
great water supply
from Andrew's Canon
but it is going to drift,

at the corner holds it
in a pocket like, & is
not occupied.

We went on to Andrew's
Canon about four
leagues (4 W.) of the border
of Idan, & found small
palm, sycamore, willow,
willow, balsam, a
wild grape, etc., and
also a fig tree.

We then went a mile
farther & Andrew's
Murray Canon where
we found some
water (but no more
than in a stream on Andrew's
Canon), and the
palms were gone.

Made explorations, collected
plants and started back
at 11¹⁵ AM.

The palm grows where

they can speak with
the long beard she &
re main shrub, may as
a sole bush after
you went off the
desert, for a long
time, sometimes they
are buried up.
We reached Palm Springs
Hotel a little before
3 P.M. Prof U. was
such a hot able &
travel rapidly, & we
gave up the idea
of trying to reach the
Hotels in the oasis
stopped at the Hotel
& Mr. Goff got us a
supper of the fish
& fowls, I also
bought some dried fish
from an old Indian
the Coahuilla Indians

over a reservation of
3000 acres across the
road from the hotel
grounds. There are
here about 7 families.
A large reservation is
at Banning.
They are large well
formed & look healthy,
but it is said they
cannot get used to
house, & are dying off
chiefly of consumption.
They do not propagate
rapidly, & are dying out
the native grain, & the
& are self supporting.
The hot springs are
on their ground & they
charge 25 c. for
the mud bath. The
springs are surrounded
by palms, some of which

May be native. They
are common in the
desert, and a
lot of them are
seen, and I think
they are native.

After Highways
I went down with the
rest of them to San
Diego and San
Francisco.

I saw a very large
and a small one, both
of them looking
the same, but the
older one was
also smaller.

The older one was
about the younger
by half.

It is a desert
dweller.

The best palms are at
Palm Spring, about 2
miles from town.

From Highways
After a night's travel,
& after I got my load
down, we started
for Palm Springs.
I got there about 10:30
A.M. (we started at about
7:00). I crossed the
Highway, took a clean
up, and at 3:00 P.M.
the Golden State Liner
dropped us off and we
met Ed, manager of

Gilson's Garage, a
dry gas station, and
very nice it is, and
convenient.

In crossing the river
I saw many birds,
and like lizards.

I saw two of
some color, like desert,

On the way to Indio
we could see a
number of groves
of fan palms, but the
place of the
fan palms
was now a salt
marshy depression
Cactus, etc.
We also saw a small
grove of fan palms
in flat desert, not
far from the
Palm Spring station
about the same
time and place,
where they were
now all gone.
The great salt
basin is now a
desertable sea,

1/2 station back from 73
Indio and J.

At Indio the water
is saltish-savory.
The fan from about
515 feet (lo. of Salton)
until 630 feet
at (about 2 miles from)
the edge of the sea.
Then down had to
cross the break
here. We then drew away
but could see it for many
miles. All salt in all we miles
flooded, they ran us
around the station.
The salt factory stands
away out in the
water.
We reached Yuma
after dark.
A row of houses with
an occasional brick, rest on
the ground & floors
beads, pottery, etc. for
sale. They are the famous

and large features &
large of brain, with
a deep bronze-brown
color, & of course straight
black hair.

It was a weird picture.

Tri. debt

Awakened at 5 A.M., a
little rain. Recal'd. My
boy & went along the
surface a little more
out, but the road
past all the territory
is the same broad
valley.

Dashed the rest of
Agave C. & Ochoa long.
It had been raining
all over the Bloom
territory, & everything
looks fresh.

The down-tumed dead
leaves of fire are no
doubt protected the
stem from the sun.
The plain on which
the village stands looks
well, all the territory
has received rain, &
several have appeared
over the land.

We reached the pass after
2 P.M. rain for me.

I charged train, backed it
up ground here, and 5
was again in sight. The
first post-house had
had such low
order as to consider a
order, and my mail had
been returned. Telegraphed
to New Savannah for
numbers of defective plates.

Sat. Sep. 9.

Cloudy passing, went over
the road for photos.
Washed out 2 frames &
a gap of about (about) -
and made a sketch & took
a few more.

At mid-morning, saw
a running stream from

Heber Lake.

Car angle. Then crossed
at the bridge, the

Rocky Mountain, and down
to the Poudre River.

Car angle. Then across
the river to the west.

Left at 3:15 am, started
out for Loveland, then

went up the valley of

the Colorado, then down
to the town for

Loveland. All the
along roads and mountain

country looks very bright
& green, finer than ever
before, as they have again
had recent rain.

We reached Loveland at
about 9 AM & put up at the Wigwam.
It rained nearly all night,
though it was almost
frosty.

Sun. Sep. 10.

We started for Exeter
by rail at 7 AM. The
morning was bright &
clear.

Coldish outside &
frosts. Some of
us got out of the city
got wet.

Spoke to Mr. and Mrs.
Bremner;
In evening while driving
a park.

Mon. Sept. 11th
 Day bright, but with
 wet. Packets started
 by 8:30 a.m. of 9 A.M.
 The mountain vegetation
 is very poor & sparse.
 At the timber line
 there are no trees with
 even small sprouts.
 Below this,
 the tree are irregular
 & few & small.
 The new forests, for
 all the species are
 rather uniform, & the
 number & size of
 plants & shrubs
 are very few.
 The highest point of
 vegetation has
 probably declined.
 The number of species
 of woody plants
 decreased at 11⁴⁰ A.M.

- Fork brush & west of the
 valley. Fork junction.
 Mr. Caldwell's list of trees here.
 A. Balsam.
 B. Yellow Pine.
 C. Red Spruce.
 D. Yellow Spruce *Pinus flexilis*.
 E. White Pine (Black Jack) *P. strobus*
 var.
 F. White Spruce.
 Mr. Caldwell's list of
 trees here.
 D. Spruce from
 D. Vacuum pump & enclosed
 D. Air compression
 E. Spruce from

- 2 Pump 100 m
 D. 100 m
 A. Box of tools
 B. " "
 M. Tools for Buffalo.
 n. Train of cars when out
 of water
 10 The Building Fund
 20 Train down night
 months after not
 consider when ready
 to go
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 12 Young men and women
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 16 Wall
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82

Fruit, especially apples
looks well.
There is much Kaffir
corn on the way.

83

84

83'

86

87

96

To left of box

1st for large clay 2nd for2nd

Box, 13	14	15	16	17	18
8	L	27a	27d	19	9
9	LL	27b	30	20	10
10	29				
11	X	31	21	8	21
12	30			R	23
13	15	32	22	6	21a
14	16	5	17	6	21b
15	27	7	18	9	
16	28	N	2	3	15
17	13	E	11	A	16
18	14	E	I	XX	5
19	17	F	4	X	7
20	18	S	M	P	11
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22	12	21	19	27	29
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Box, 19

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97

desert

clay 32 5 min fm

brownish

27a

dark brown

brown

brown tan

brown

99

to E. Clean

96

To left of 98
W for box 10m 7
Box 13

	14	I
0	1	II
1	2	III
2	3	IV
3	4	V
4	5	VI
5	6	VII
6	7	VIII
7	8	IX
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9	10	XI
10	11	XII
11	12	XIII
12	13	XIV
13	14	XV
14	15	XVI
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16	17	XVIII
17	18	XIX
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Box 19

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Aug 17 - 8 of 20m

27	a	Olive. Bivalve
28	b	Clams
29	c	Same as 27a
30	d	Same
31	e	Same
32	f	Same as 30
33	g	Same
34	h	Same
35	i	Same
36	j	Same
37	k	Same
38	l	Same
39	m	Same
40	n	Same
41	o	Same
42	p	Same
43	q	Same
44	r	Same
45	s	Same
46	t	Same
47	u	Same
48	v	Same
49	w	Same
50	x	Same
51	y	Same
52	z	Same

24-65

100
Aug 25 - 1905 - Tucson
Soda 25 - Hotel 2.00
Dray 35
Sat Aug 26 (en route) paper, pens,
breakfast hotel 75,
Los Angeles: supper 35 cards 35
stamps 15, bus, baggage 30,
carfare 10, flats 50 photos 50
Soda 5 Refill plate box 10

101
Aug 27 - Tucson 50
Aug 28 - Hotel Tucson (mid) 1.50
Hotel Tucson 1.00 35
cards

Aug 29 Tucson 50

Cabins cards 35, paper knife 25

pin cushion 25, cards 15

Aug 30 Tucson hotel 1.00 1.00

Aug 31 Curr's camp bill 3.50, glue 10, cards 50

Candy, cards, stamp 15

Sep 1 - Tucson 3.00, laundry

Raymond - laundry 5 25

Hotel 18.50 - Tucson 25

Straps 25,

Paper 5. - Super Cafeteria 35

Medium Soda 5 Magazine 20

Carfare 10.

Expenses

Sat Aug 25 - Tucson

Soda 25, Hotel 2.00

Dray 35

Sat Aug 26 (en route) paper, pens,

breakfast hotel 75,

Los Angeles: supper 35 cards 35

stamps 15, bus, baggage 30,

carfare 10, flats 50 photos 50

Soda 5 Refill plate box 10

Sat Aug 27 - Tucson 50

Sat Aug 28 - Hotel Tucson (mid) 1.50 50

Hotel Tucson 1.00 35

Aug 29 Tucson 50

Cabins cards 35, paper knife 25

pin cushion 25, cards 15

Aug 30 Tucson hotel 1.00 1.00

Aug 31 Curr's camp bill 3.50, glue 10, cards 50

Candy, cards, stamp 15

Sep 1 - Tucson 3.00, laundry

Raymond - laundry 5 25

Hotel 18.50 - Tucson 25

Straps 25,

Paper 5. - Super Cafeteria 35

Medium Soda 5 Magazine 20

Carfare 10.

Sep. 5 Laundry Photos, plates breakfast
 1⁵⁰ 1⁰⁰ 3⁵
 lunch paper,
 2⁵ 5
 dinner 2⁵
 Sep. 6 Laundry 6⁰⁰ 2⁰⁰
 Sep. 7 Laundry, paper (hotels) 1⁰⁰ 2⁰⁰
 dinner 8⁵⁰ Pillow 2⁵
 6⁵
 Sep. 8 Breakfast 6⁵⁰, dinner 2⁰⁰
 Supper (black) 2⁵ yeast 1⁰⁰ plates
 paper 5⁰⁰ 1⁰⁰ 6⁰⁰ 6⁵⁰
 coffee, sugar, bread, flour
 6⁸⁰ 5⁰⁰ 3²⁰
 Sep. 9 Breakfast, dinner, room 1⁰⁰
 coffee, sugar, flour, bread,
 2⁹⁵
 laundry, etc. 1²⁵
 Sep. 10 Laundry 1²⁵
 Sep. 11 Hotel (hotels) 5⁰⁰
 Sep. 12 Laundry dinner for 2 1⁰⁰
 bread 1⁵⁰ yeast 1⁰⁰ paper 1⁰⁰
 Supper for 2 or 3 1³⁵
 Pillow 2⁵
 Sep. 13 Breakfast for 2 .95
 Dinner for 2 .85
 Paper 5⁰⁰ Porter 1⁰⁰
 Supper for two 1¹⁵
 Sep. 14 Breakfast for two ,85
 cab. ,25

104

105-

Bx. 14

- ✓ 1 1. *Carex* lab. looking W. Tucson 8/25
 ✓ 2 2 " " " "
 ✓ 29 3 *Carex* tip. Tucson 8/25 '05
 ✓ 30 4 " " " "
 ✓ 35 5 *Hastaria* " "
 ✓ 36 6 " "
 ✓ 27 7 *Carex* group " "
 ✓ 28 8 " "
 ✓ 13 9 *Scleria* lab. from Woods 8/25
 ✓ 14 10 *Carex* " "
 ✓ 17 11 *Hastaria* " "
 ✓ 18 12 *Carex* " "
 ✓ 14 13 *Carex* lab. Tucson 8/25
 ✓ 12 14 *Hedysarum* lab. Tucson 8/25

Bx. 15

- ~~✓ 22a 1~~ *Carex* 8/25 8/29
~~✓ 22a 2~~ *Carex* Tucson Can. 8/25 8/29
 ✓ 22b 2 *Carex* Tucson 8/25
 ✓ 31 3 *Carex*, *Oreaster*, *Polygonate* Tucson 8/25
 ✓ 32 4 *Carex* " "
 ✓ 33 5 Palms at Tucson Can. Aug 26
 ✓ 34 6 [Spotted]

- ✓ A 7 *Carex* lab looking W. Tucson 8/25
 ✓ I 8 " " E. " "
 ✓ E 9 *Gilia* (surface) Tucson - body Tucson
 ✓ F 10 *Mesembryanthemum* see 7 & 8 Box XIII. Aug 25
 ✓ S 11 *Carex* & *Palo Verde* Tucson 8/25
 ✓ G 12 " " "
 ✓ 21 13 2 large *Carex*
 ✓ 22 14 *Carex* "

1. Oak with some *Gilia*

Bx. 16

- Chal. 29 1 white oak. Raymond 8/29
 30 2 Oak & *Quercus* " 8/29
 ✓ 31 3 *Psoralea* Raymond 8/29
 ✓ 32 4 " bark " "
 ✓ 6 15 Oak w/ *Psoralea* Raymond 8/29
 ✓ 17 6 *Psoralea*
 ✓ 17 (ov) across Tucson Can. 8/29
 ✓ 21 7 across Tucson " way to Tucson Pt. 8/29

- I 8 8 (spotted) Tucson 8/29
 ✓ 2 10 " a group " "
 ✓ 13 11 *Psoralea* "
 ✓ 14 12 *Mangifera* "

174

- w 13 Pinus sabinina & shrubs
w 14 House & White Oak (beach) Raymon.
w 15 Pinus sabinina " "
7. Hillside - Raymond - March
8. ~~P. sabinina~~ 163
7 - Row in front - March

Box 17

- v 19 1 Pine, m. 10 - 8/29 '05
v 20 2 10' tall - Morro Valley, Ca.
v 8 3 Shrub with flowers Aug 9
v 5 4 San Joaquin Black Pine - same. Aug
v 5 5 Red S. Sabinina 8/29 '05
v 6 6 Small tree - San Joaquin, in valley 8/29 '05
v 13 7 San Joaquin's right side, Sherman's Creek, Ca.
San Joaquin's left
v 8 Red S. Sabinina San Joaquin's right 8/29 '05
v 9 Dragon's head - San Joaquin 8/29 '05
v 10 San Joaquin's cabin - San Joaquin 8/29 '05
v 11 Pine redwood tree 8/29 '05
v 12 12 Shrub with flowers 8/29 '05
v 27 13 Beach before Mission 8/29
v 28 14 Army grass 4" 4"

175

- Box 18:
- v 1 1. Redwood - Mission 8/29 '05
10 2 " " Stump
✓ 21 3 Sugar Pine cones - over 1000 ft. 8/29 '05
✓ 22 4 " " Cones - 1000 ft. 8/29 '05
✓ 27 5 - ~~Pinus~~ ^{Pinus} - Pinus - Mission, Aug. 23
✓ 27 6 ~~Pinus~~ ^{Pinus} - Pinus - Mission, 8/29 '05
v 15 7 Yellow Pine Cedar - Mission 8/29 '05
v 16 8 Young Yellow Pine 10" 10"
v. 8 9 2 large Sugar Pines Mission 10" 10"
v 10 10 Conf. cedar mostly sugar pine 10" 10"
v 11 11 Redwood - Mission 8/29 '05
v 12 12 " " 10" 10"
v 29 13 Beach - San Joaquin or valley Mission 8/29 '05
v 20 14 Large old cedar, yellow, long needles 10" 10"
v 31 15 Conf. cedar from same place as above 10" 10"
v 32 16 San Joaquin cedar - same place as above 10" 10"
Same as above in bag - 8/29 '05

Box 19

- v 1 1. Redwood - San Joaquin 8/29 '05
v 2 2. Mostly sugar pine 10" 10"
v 3 3. Sugar Pine Stumps 10" 10" 5" 4" 8/29 '05
v 4 4. ~~Coniferous~~ 8/29 '05

176

Redwood

- ✓ 5 Raymond 200' 9/3
 ✓ 6 San Jacinto Mts & desert
 ✓ 7 Views from
 Cactus Palm Canyon
 ✓ 8 Desert Mts. - Garden of the
 Gods - Great lowest five in
 box & mrs. 1-5 were
 next. Then same
 ✓ 10 Plaza
 ✓ 12 The Mary adobe house & office
 ✓ 13 Series Palm yards below
 ✓ 14 Sals. 9/3
 ✓ 15
 ✓ 16

Box 20

- ✓ 1. Office Rd. Palm Shrub Ed. Mulvihill Colton, Cal. 9/6
 ✓ 2. Palms at station - 10 yrs. old - head small 9/7
 ✓ 3. Palms - Palm Shrub Hotel 9/6-05
 ✓ 4. Zaluz at mouth of Cañon - San Jacinto Mts. 9/7
 ✓ 5. Old palm (Shorted) be 10
 ✓ 6. Young Palms
 ✓ 7. General view of desert - near RR. 9/6
 ✓ 8. San Jacinto Mts. from station "

$$\begin{matrix} 25 \\ 16 \\ 15^0 \\ 25^0 \\ 40^0 \end{matrix}$$

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- ✓ 9 Ephedra wind - east to left. 9/7
 ✓ 10 Yellow Grouse (like rufous) - wins " "
 ✓ 11 Palm (Shorted)
 ✓ 12 Young Palm - Palm sprig "
 ✓ 13 Indian (Shorted) "
 ✓ F 14 Palms along road & among sprig. "
 ✓ 15 = no (Shorted)
 ✓ 16 Palm - Manzanita box in
 6? & 16? are from one of the palm
 canons.

Box 21

1. Palms at hot spring 9/6-05
 2. " " " " "
 3. (Shorted)
 4. (Shorted) California - sprig
 5. (Shorted) are like short
 Palm trees
 6. (Shorted) same as above
 7. (Shorted) Palms
 8. (Shorted) same as above
 9. " "
 10. " "
 11. " "
 12. " "
 13. (Shorted) same as above
 14. Palm - palm like - border, S.E.
 15. " "
 16. Palms - palm like - border, S.E.

180

- ✓ 15 Log train - Russia - all Y
 ✓ 16 Log train - Russia X
 the 12 & 13 can still be mixed in

Box 4 - all 27's

- ✓ 1 - 2. all any. 14-1905
 ✓ 2 - Skidway & bank - on slope - Russian
 ✓ 3 - Bridge skidway - Scott canon
 ✓ 4 - Looking down skidway " "
 ✓ 5 - Log train - Russia - Y
 ✓ 6 - " " " Y
 ✓ 7 Looking down Russia canon - Mexican house
 ✓ 8 Log cars & houses - Russia canon
 ✓ 9 Farmhouse near New Russia canon
 ✓ 10 Looking down Russia canon from bank.
 ✓ 11 Deforested - looking up Russia canon
 ✓ 12 Looking up Russia canon
 ✓ 13 Where the sheds join - Scott canon
 ✓ 14 - Bank (?)
 ✓ 15 Barnabout log ladder. Scott canon
 ✓ 16 Boys sawing logs green. " "

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Box 5 all 27's

- ✓ 1 Skidway logs - Scott canon
 ✓ 2 - O. S. (spoiled) "
 ✓ 3 - Log train - Russia
 ✓ 4 - Deforested. near Russia
 ✓ 5 group of Pops. Indian Cloudcroft
 ✓ 6 White oak "
 ✓ 7 Small oaks "
 ✓ 8 - White oaks "
 ✓ 9 - 3 clusters of, Cobina "
 ✓ 10 - White oaks, Buck pine (blue)
 & Red spruce (blue) "
 ✓ 11 Red spruce (blue) & yellow pine (blue) "
 ✓ 12 Boys & lumber "
 ✓ 13 Looking N. toward Indian
 Reservation & White Mt. "
 ✓ 14 Looking at w. woods. Lookout. "

Box 6 - all Ortho.

1. Group of white firs, Cloudcroft
 2. " O (spoiled) "
 3. Scarfed Silence "

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- ✓ 4. Rocky ridge with scrub oak
Robina, & *Symphoricarpos* - Cloudy day
 ✓ 5. View S. from Lookout - Calif. forest. " "
 ✓ 6. Scrub oaks - " "
 ✓ 7. Bank of white oak ~~white~~ " "
 ✓ 8. - " " White Fir " "
 ✓ 9. View S.E. across basin, coast " "
 ✓ 10. Big spruce (to left) & small (right) " "
 ✓ 11. White Spruce (comparat.) " "
 ✓ 12. Bull pine log - struck by lightning " "
 ✓ 13. *Gilia* - " "
 ✓ 14. Penstemon, *Eriogonum*, & tall
 cream colored *Cymopterus* " "
 ✓ 15. Dog train - Liver Cactus -
 ✓ 16. Barnhardt Log - cedar, & balsam
 Liver Cactus

Bry. In the valley

1. *Thuidium* 273
 2. *Hypnum* 275
 3. *Oreohypnum* in fl. 276
 4. *Hypnum* - in fl. 277
 5. *Luzula* 278
 6. *Oreohypnum* 279

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7. *Drimia* no 3. 27
 8. *Dryopteris* - 27
 9. *Saxifrage* - 27
 10. *Castilleja* group. Name - Other
 11. *Salix* grand - *Salix* - *Salix* -
 12. Liver. Liver 27
 Diffs 13 Liver. Liver
 14. Looking down toward the mtns
 15. Liver. Liver 27
 16. Liver. Liver - 27

Woodland - E. of the mtns

Aug 17, 1905

Woodland - E. of the mtns
Aug 19, 1905

Woodland - Aug 19, 1905

271. *Hedwigia* on H. rocks

272. Liver. Liver. Liver. Liver

273. Liver. Liver. Liver.

274. *Scutellaria* - 274

275. Liver. Liver. Liver.

184

1. Blue & Black
2. Up the draw from a low
smelter & Mex. village.
3. (Spoiled)
4. Across draw below the draw
end of Sonora bridge.
5. Down the Rio Grande from
Sotillo bridge to bridge El Paso, etc.
6. All day in the village
Ocotillo cluster of houses - etc.
7. 3rd day in the same
Mesa village near Rio Grande - etc.

- Aug. 26
Box 9, next following 19-9-12 Aug. 26
1. Blue & black
2. Draw from a low
smelter & Mex. village.
3. (Spoiled)
4. Big terraces just below
the Rio Grande - etc.

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1. 24th Draw from a low
smelter & Mex. village.
2. Park residence - Munday Heights, El Paso.
3. 17th Draw from a low
smelter & Mex. village.
4. Residence - Munday Heights, El Paso.
5. Lower dam looking up - El Paso
6. 16. " " " down "

26 Box 10 Aug. 22-1905.

1. Lower dam looking up - El Paso
2. " " " " " Mex. hut,
3. Sweet School boy, into El Paso
4. Residence on hill near Mesa School
5. " in W. El Paso
6. Rice field and water hut
7. Carnegie library & park, El Paso
8. View up Oregon st. - looking W. " "
9. The following) in afternoon " "
10. Row of cottages off Juarez Street - a
11. 1st floor from Mesa School " "
12. Mesa school Yucca-Darbyhouse " "
13. Old exp. Hetas tribe - Mt. Franklin " "
14. Snap (Spoiled) - Juarez.
15. Water wheel - Juarez -

26 -

<u>Box 11.</u>	<u>Aug. 22 - 1905 -</u>
5 1 Plaza Cathedral - drawing -	from camera, and atmos.
6 2 Burros - drawing.	
27a 3 Up river ditch from water wheel. Drawing	
27b 4 Water wheel - drawing - near new Burro's well. Drawing.	
7 5 Burro's well. Drawing.	
12 6 Water wheel " "	
13 7 Plaza de los Capitanes " Drawing	
14 8 View up river ditch - drawing.	
15 9 Cathedral looking N. Drawing.	
20 10 Looking S. along Commercial St. "	
11 11 View S. on Calle de Hidalgo - drawing	
12 12 Castle goat pen " "	"
13 13 New bridge and, etc. " "	"
14 14 View down Rio Grande from bridge	"

Box 12. nos. 1-8 Aug 23, 1916
Aug 29
the morning. Open.

1. *Urgon*
2.
3. *Urgon* 1
4. *Urgon* - graphs
5. *Urgon* 2
6. *Urgon* 3

13 7 ~~green~~
14 8 " "
22a 9 Green leaves, shrubs
22b 10 Green with " " "
5 v 11 Looking down river
6 v 12 " up " from bed,
7 v 13 green
14 v 14 " "
15 v 15 Mangan
16 v 16 " sandstone
17 v 17 green
18 v 18 " the thin flats are calcareous

Box 139, Pepper tree. 100 ft. above sea level.

- | | | | | | |
|--------|--------------------------------------|----|---|---|---|
| 12. 2 | Evening play with Bell | me | 1 | 1 | 1 |
| 12. 3 | W. Lake Park | me | 1 | 1 | 1 |
| 12. 4 | " | me | 1 | 1 | 1 |
| 12. 5 | Washington - sand. W. Lake Park | me | 1 | 1 | 1 |
| 12. 6 | " | me | 1 | 1 | 1 |
| 12. 7 | Washington - Los Angeles | me | 1 | 1 | 1 |
| 12. 8 | Washington II | me | 1 | 1 | 1 |
| 12. 9 | Washington - W. Lake Park, Los. Aug. | me | 1 | 1 | 1 |
| 12. 10 | Private place | me | 1 | 1 | 1 |
| 12. 11 | Cream - Tucson | me | 1 | 1 | 1 |
| 12. 12 | " | me | 1 | 1 | 1 |
| 12. 13 | Brownie Club - Palos Verde - Tucson | me | 1 | 1 | 1 |
| 12. 14 | " | me | 1 | 1 | 1 |
| 12. 15 | " | me | 1 | 1 | 1 |
| 12. 16 | " | me | 1 | 1 | 1 |

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trip to Clamorgan's 188

Aug. 8th - 1905.

Aug. 7-	Beau & veal loaf	1.50
	Joh ⁿ Bread ⁵	.15
	Repair camera & grip	.25
Aug. 8 th	Hawks & bargane	.80
m.	Dinner, sleeper ^{1.50}	1.80
Aug. 9 th	Breakfast & dinner	1.30
n.	Supper ⁵⁰ pillow ²⁵	.75
Aug. 10	Breakfast ²⁰ wine ²⁵	.45
	Papers ¹⁰ Cup ¹⁰ Tommies ²⁰ bottle ⁴⁰	
n.	Brush ¹⁰ , glass ⁵ Ticket for Cerdig ^{3.00} #3,15	
Aug. 11	Dray ⁵⁰ , supper ³⁵	.85
n.		
Aug. 12	Bottles ²⁵	.25
Aug. 13	Lunch ¹⁵ paper ⁵	.20
Aug. 14 th	RR fare to Rusica ⁴⁰	.40
m.	Cigars ⁵ bottle ¹⁰	.15
Aug. 15 th	Lunch ¹⁰ paper ⁵	.15
Aug. 16 th	Dray ⁵⁰ Hotel ^{7.00}	7.50
	Papers ²⁵ , Mending Canteen ¹⁵	.40
	Expenses ^{1.75} tape ¹⁰	1.85
Aug. 17 th	Bread ⁵ Crate ^{1.50} dray ²⁵ stuff ²⁰	
	Hotel ^{4.50} Cigarade ⁵	4.55

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Aug. 18 th	Breakfast ²⁰ paper ⁵	.25
	Dray ¹⁵ Dinner ⁵⁰ car ¹⁵ , rings ²⁵	1.05
	Cards ⁵⁰ , stamps ⁴⁰ , booklet ¹⁵	.95
Aug. 19	RR fare to Rusica ³⁵	.35
	Breakfast ²⁵ Break ⁵ supper ²⁵	.55
	Sodas & lunch ²⁵ Carfare ⁵	.10
Aug. 20	Papers ²⁵ Mag ¹⁰ ride ¹⁵	.50
Aug. 21 st	Breakfast ²⁵ dinner ³⁰	.55
	Paper ⁵ dinner ¹⁰	.15
(mon.)	Carfare ¹⁰ Supper ²⁵	.35
Aug. 21	Meals ⁸⁵ , repair grip ³⁰	
	basket ¹⁰ , glue ¹⁰ , Magazine ³⁵	
	Sodas ²⁵ , whip ⁷⁵ 1.00	
	Whip ⁷⁵ , rings	
Aug. 22	Meals 85, soda ¹⁵	
	Carfare, sodas ²⁰ , cards ¹⁰	
	Stamps ¹⁰ , cedar ^{1.50} , handkerchief ²⁵	
Aug. 23	Hotel 2.50 Breakfast ³⁰	
	Bread ⁵ Lard ⁵⁰ , Paper ⁵ Butter ^{1.00}	
	Guming-lunch ³⁰ cards ²⁰ Stamps ¹⁵	
Aug. 24	Hotel ^{4.50} lunch ³⁰	
	Dinner, lard ¹⁵ Wine ¹⁰ cards ³⁰	
	Corn & corn flour ¹	

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Well come from town
So take me $\frac{1}{2}$ of a box

In California they had
nothing but the birds and game.

Prof. Macbride -
539 3rd Ave. San Francisco.
Until about 26th Aug.

At Prof. Macbride's
Asturian fish
Bald eagle
Gulls
Parrot
Ring
Blue titmouse
Chick

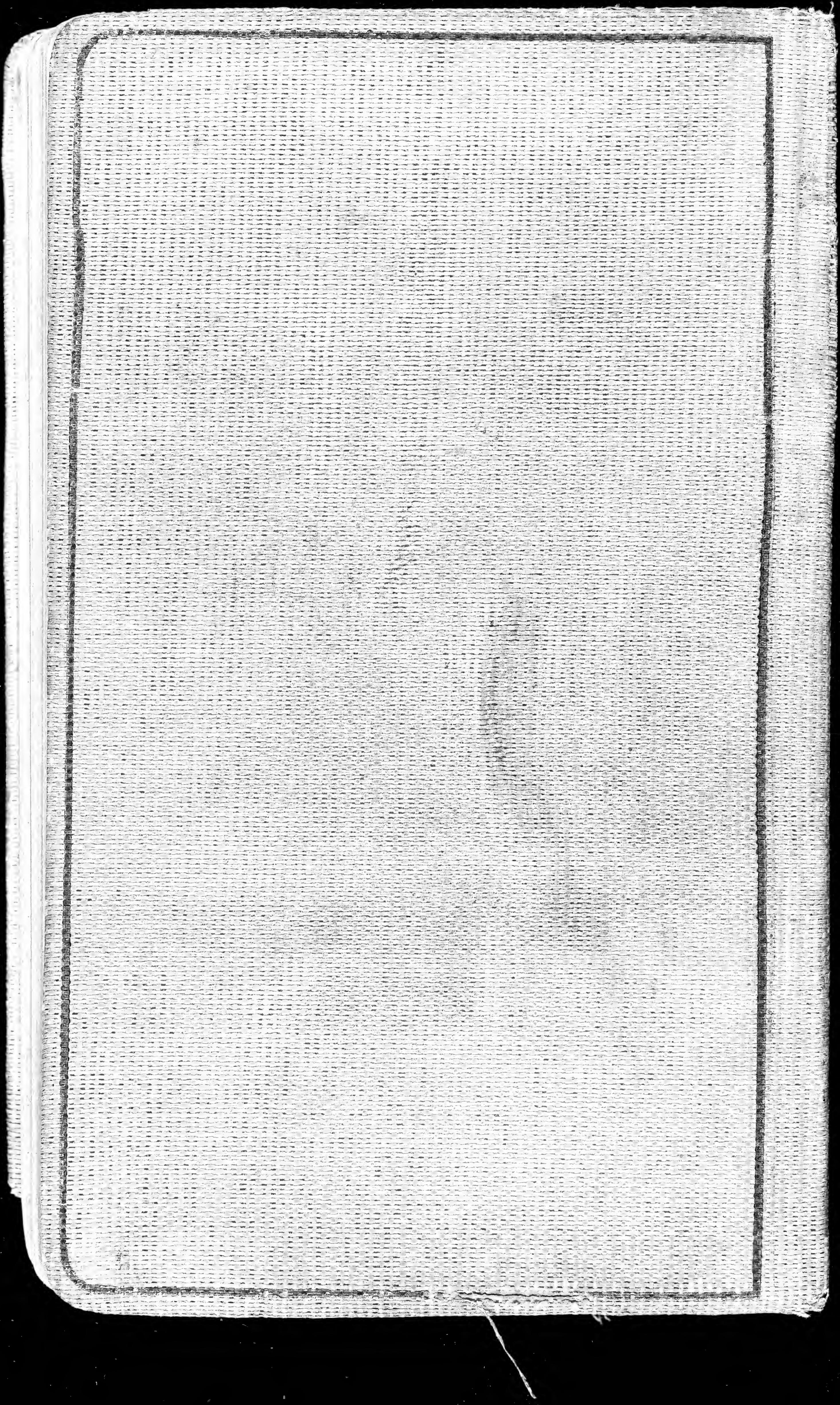
Aug. 7 - Caught
Gannet 30 Red.

Aug. 12 Bearded murre



No 1638

33106
33107
33105



✓ Shredder
Nails
Cables

✓ Mail -
Dime
Bread.

Cannons left store
Machinery

Rippled
Wooden box for butter
Rope - 20 ft long

Glue
Wax

Glue
Wax

Glue
Wax

Glue
Wax

Glue
Wax

Glue
Wax

Chlorophyll

green

green